



CRANSTON MACHINERY CO., INC.
MATERIAL SAFETY DATA SHEET

SECTION I
PRODUCT IDENTIFICATION

PRODUCT NAME OR NUMBER: Grade A, Repulpable Paper Strapping
DISTRIBUTORS NAME: Cranston Machinery Co., Inc
ADDRESS (Number, Steet, City, State, Zip Code): 2251 S.E. Oak Grove Blvd., Oak Grove, OR., 97267
DATE: December 2, 2004.
EMERGENCY TELEPHONE NO.: (503) 654-7751
CHEMICAL NAME: Paper/Wood Product
SYNONYM: Paper Strapping
FORMULA: Product designation
MOLECULAR WEIGHT: N/A
TRADE NAME: Rap Strap
HMIS HAZARD RATING (0-4): HEALTH: 0 FIRE: 1 REACTIVITY: 0

SECTION II
ACTIVE INGREDIENTS

	OSHA PEL	ACGIH TLV	%	CAS #
Vinyl alcohol polymer and Copolymer dust	5mg/m3	10mg/m3	10	N/A
Glycerine	5mg/m3	10mg/m3	1	56-81-5
Solvent refined paraffinic distillate	5mg/m3	5mg/m3	0.1	N/A
Surfactant			0.2	N/A

SECTION III
PHYSICAL DATA

APPEARANCE DATA: White Paper Twist Strapping
ODOR: Mild
BOILING POINT (760mm Hg): N/A
VAPOR PRESSURE: No data
VAPOR DENSITY (air=1): No data
SOLUBILITY IN WATER (%wt.): Slurry
MELTING POINT: N/A
SPECIFIC GRAVITY (H₂O=1): 0.65
PERCENT VOLATILE (v/v): 12
EVAPORATION RATE (ethylether = 1) No data

SECTION IV
FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (test method Setchkin): 502° F
AUTOIGNITON TEMPERATURE (Sketchkin): No data
FLAMMABLE LIMITS IN AIR % BY VOLUME: LOWER N/A UPPER N/A
EXTINGUISHING MEDIA: water, foam, CO₂ or dry chemical
UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known
SPECIAL FIRE FIGHTING PROCEDURE: Trained fire fighting personnel should be equipped with self-contained breathing apparatus and full protective gear using standard procedures for Class A fires.

SECTION V
REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY (materials to avoid): Temperatures above 200 Deg. C.
HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide, organic acids aldehydes and alcohols.
HAZARDOUS POLYMERIZATION: Will not occur.
CONDITION TO AVOID: Temperatures above 200 Deg. C.

SECTION VI
HEALTH EFFECTS

THIS MATERIAL IS NOT A CARCINOGEN OR POTENTIAL CARCINOGEN AS DEFINED BY NTP, OSHA, OR IARC.

SKIN CONTACT: Not toxic.
EYE CONTACT: Mechanical irritation.
INHALATION: Not a probable route of exposure.
INGESTION: Not a probable route of exposure.
The oral LD-50 is greater than 11000 mg/kg of body weight.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None Known.
CHRONIC EFFECTS OF EXPOSURE: None Known.

SECTION VII
EMERGENCY AND FIRST AID PROCEDURES

SKIN CONTACT: Non-irritable, non-sensitizing, no unusual dermatitis hazard is expected from routine handling.
EYE CONTACT: Mechanical irritation.
INHALATION: If exposed to fumes from overheating or from combustion, remove to fresh air.
INGESTION: Not a probable route of exposure.

SECTION VIII
PRECAUTION FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: If contaminated, place into container for regular disposal. If not contaminated, place into clean container for use.
WASTE DISPOSAL METHOD: Disposal must be in accordance with applicable federal, state and local regulations. Determine waste classification at time of disposal. Conditions of use may render the spent product a hazardous waste.
PRECAUTIONS TO BE TAKEN: Store in sprinklered warehouse.

SECTION IX
SPECIAL PROTECTIVE INFORMATION

RESPIRATORY PROTECTION: If local ventilation is inadequate, use a respirator for fumes or a dust mask for dust.
VENTILATION: In the event the product is heated above 200 Deg. C. , local ventilation should be used to avoid exposure to fumes. Use ventilation to avoid exposure of personnel to dust.
PROTECTIVE GLOVES: Gloves and a long sleeve shirt are recommended.
EYE PROTECTION: Eye protection is recommended as good industrial hygiene practice.
OTHER PROTECTIVE EQUIPMENT: As Required.
PRECAUTIONARY LABELING: None Required.